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1. Name of conveying party(ies):

Karl Anthony Hughes
Andrew Stuart Chesterman
John Adrian Lightfoot

12-16-04

2. Name and address of receiving party(ies):

Name: BNFL (IP) LTD.

Address: Risley, Warrington

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Cheshire State/Prov.: _____

Country: Great Britain ZIP: WA3 6AS

Execution Date: October 18, 2004; November 29, 2004

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date
<u>10/493,907</u>	<u>April 26, 2004</u>

B. Patent No.(s)

12/22/2004 GFREY1 00000112 10493907
02 FC:8021 40.00 DP Additional numbers

Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dana L. Tangren

Registration No. 37,246

Address: 022913

PATENT TRADEMARK OFFICE
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Name of Person Signing

Dana L. Tangren
Signature

12/16/04
Date

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WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No: 10256.114

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

Form P4

ASSIGNMENT

We the under signed, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled ENVIRONMENTAL RADIATION DETECTOR. Preferred embodiments of said invention are disclosed in a United States patent application which:

- is executed concurrently herewith for filing in the United States Patent and Trademark Office.
- was previously filed in the United States Patent and Trademark Office on April 26, 2004, Application Serial No. 10/493,907.
- is a United States National Application of PCT International Application No. _____, filed _____.

The Assignee, BNFL (IP) LTD., having a principal place of business at Risley, Warrington, Cheshire WA3 6AS, Great Britain, desires to secure the entire right, title and interest in said application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States and foreign countries.

The right to claim the benefits of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Full name of sole or first inventor

Karl Anthony Hughes
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature Karl Hughes

Date 18 OCT 2004 Country of Citizenship Great Britain

Address BNFL Instruments Limited, B14.1, Sellafield, Seascale, Cumbria, Great Britain

Full name of second inventor, if any

Andrew Stuart Chesterman
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature [Signature]

Date 29.11.04 Country of Citizenship Great Britain

Address BNFL Instruments Limited, B14.1, Sellafield, Seascale, Cumbria, Great Britain

Full name of third inventor, if any

John Adrian Lightfoot
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature [Signature]

Date 18/10/04 Country of Citizenship Great Britain

Address BNFL Instruments Limited, B14.1, Sellafield, Seascale, Cumbria, Great Britain

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